

June 1999

Crosswalk of MSCS NCCP Habitat Types to Other Community and Habitat Classification Systems

MSCS NCCP Habitat Type	Equivalent Community or Habitat Type under Other Classification Systems				
	Ecosystem Restoration Program	Wildlife Habitat Relationships ^(a)	Terrestrial Natural Communities of California ^(b)	National Wetland Inventory ^(c)	Department of Water Resources ^(d)
Tidal perennial aquatic	Tidal perennial aquatic, Delta sloughs, and midchannel islands and shoals	Estuarine	None	Estuarine (aquatic subtypes only)	Water surface
Valley riverine aquatic	Riparian and riverine aquatic	Riverine	None	Riverine (aquatic subtypes only)	Water surface
Montane riverine aquatic	Riparian and riverine aquatic	Riverine	None	Riverine (aquatic subtypes only)	Water surface
Lacustrine	Nontidal perennial aquatic	Lacustrine	None	Lacustrine (aquatic subtypes only)	Water surface
Saline emergent	Saline emergent wetland	Saline emergent wetland	Coastal saltmarsh (52100) and coastal brackish marsh (52200)	Estuarine/emergent	Riparian vegetation: marshlands
Tidal freshwater emergent	Fresh emergent wetland, Delta sloughs, and midchannel islands and shoals	Fresh emergent wetland	Coastal and valley freshwater marsh (52410)	Palustrine/emergent/ tidal	Riparian vegetation: marshlands
Nontidal freshwater permanent emergent	Fresh emergent wetland	Fresh emergent wetland and wet meadow	Freshwater marsh (52400), alkali marsh (52300), and meadow and seep (45000)	Palustrine/emergent/ nontidal/permanent; lacustrine/emergent/ permanent; riverine/emergent/ permanent	Riparian vegetation: marshlands; riparian vegetation: natural high-water table

June 1999

MSCS NCCP Habitat Type	Equivalent Community or Habitat Type under Other Classification Systems				
	Ecosystem Restoration Program	Wildlife Habitat Relationships ^(a)	Terrestrial Natural Communities of California ^(b)	National Wetland Inventory ^(c)	Department of Water Resources ^(d)
Natural seasonal wetland	Seasonal wetlands	Fresh emergent wetland	Vernal pool (44000), vernal marsh (52500) and alkali playa (46000)	Palustrine/emergent/ nontidal/seasonal	None
Managed seasonal wetland	Seasonal wetlands	Fresh emergent wetland	Vernal marsh (52500)	Palustrine/emergent/ nontidal/seasonal/ artificial	Riparian vegetation: duck marsh
Valley/foothill riparian	Riparian and riverine aquatic	Valley foothill riparian	Great Valley riparian forest (61400), sycamore alluvial woodland (62100), and Great Valley riparian scrub (63400)	Estuarine/scrub-shrub, estuarine/forested, palustrine/scrub-shrub, and palustrine/forested	Riparian vegetation: trees and shrubs
Montane riparian	Riparian and riverine aquatic	Montane riparian	Montane riparian forest (61500) and montane riparian scrub (63500)	Estuarine/scrub-shrub, estuarine/forested, palustrine/scrub-shrub, and palustrine/forested	Riparian vegetation: trees and shrubs
Grassland	Perennial grassland	Annual grassland and perennial grassland	Valley and foothill grassland (42000)	Upland	Native vegetation: grassland
Inland dune scrub	Inland dune scrub	None	Stabilized interior dunes (23100)	Upland	None
Upland scrub	None	Montane chaparral, mixed chaparral, chamise-redshank chaparral, and alkali desert scrub	Great valley chenopod scrub (36200), chaparral (37000), and Diablan sage scrub (32600)	Upland	Native vegetation: light brush, medium brush, and heavy brush

June 1999

MSCS NCCP Habitat Type	Equivalent Community or Habitat Type under Other Classification Systems				
	Ecosystem Restoration Program	Wildlife Habitat Relationships ^(a)	Terrestrial Natural Communities of California ^(b)	National Wetland Inventory ^(c)	Department of Water Resources ^(d)
Valley/foothill woodland and forest	None	Valley oak woodland, blue oak woodland, and blue oak-foothill pine	Cismontane woodland (71000), interior live oak forest (81330)	Upland	Native vegetation: brush and timber
Montane woodland and forest	None	Sierran mixed conifer, Douglas-fir, ponderosa pine, aspen, montane hardwood conifer, and montane hardwood	Broadleaved upland forest (81000), upland Douglas fir forest (82420) and Sierran coniferous forest (84200)	Upland	None.
Upland cropland	Agricultural lands	Cropland, pasture, and orchard-vineyard	None	Upland	Grain and hay crops, field crops, truck and berry crops, pasture, and idle
Seasonally flooded agriculture	Agricultural lands	Cropland	None	Palustrine/farmed	Grain and hay crops, field crops, and rice

Notes:

In many cases, the MSCS NCCP habitats do not directly crosswalk to other classifications. NCCP habitats may encompass several habitats from other classifications or only a portion of a habitat from another classification. Habitats from other classifications may encompass several NCCP habitats.

^(a) Mayer, K. E., and W. F. Laudenslayer (eds). 1988. A guide to wildlife habitats of California. California Department of Forestry and Fire Protection. Sacramento, CA.

^(b) Holland, R. F. 1986. Preliminary description of the terrestrial communities of California. California Department of Fish and Game. Sacramento, CA. Numbers in parentheses are Natural Diversity Data Base element codes corresponding to each community type.

^(c) Cowardin, L. M., V. Carter, F. C. Golet, and E. T. LaRoe. 1979. Classification of wetlands and deepwater habitats of the United States. U.S. Fish and Wildlife Service. Washington, D.C.

^(d) California Department of Water Resources. 1993. Land cover mapping program. Sacramento, CA.

D-051147